

REQUIRED PRE-DENTAL COURSES

All students, **regardless of major**, must complete the following courses for dental school admissions. Students with AP credit in science subjects should speak with the Pre-health Advisor as soon as they arrive on campus. The new DAT (as of 2015) will have a considerable amount of statistical analysis so students should complete stats before they sit for the exam.

GENERAL BIOLOGY I AND II

BIO 1011R, 1012R Principles of Biology—Lectures (3 credits)

BIO 1011L, 1012L Principles of Biology—Laboratory (2 credits)

GENERAL CHEMISTRY I AND II

CHE 1045R, 1046R General Chemistry Lectures (3 credits)

CHE 1047L General Chemistry Lab (2 credits) this lab is only offered with Chem. 1046 Lecture
Biochemistry 1376 R (not all dental schools require biochemistry—check with the schools)

ORGANIC CHEMISTRY I AND II

CHE 1213R, 1214R Organic Chemistry I & II (Lecture) (3 credits)

CHE 1215L Organic Chemistry I (Lab) (2 credits) this lab is only offered with organic 1213R
(students who take orgo outside of YU must complete both the lecture and lab off-campus)

MATHEMATICS

Stats 1021 AND Math 1412 (calculus I)

PHYSICS I AND II

PHY 1031R, 1032R Introductory Physics Lectures (4 credits) (ALGEBRA BASED) **or** 1051H,
1052H (Honors) (CALCULUS BASED)

PHY 1031L, 1032L Introductory Physics—Laboratory (1 credit)

ENGLISH

First Year Writing

1 additional ENG LIT course